

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR TYPE TWO PHASE LOCKED LOOP FILTER

the specification of which (check one)

is attached hereto.

was filed on _____
as Application Serial No. _____
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR 1.56.

I hereby claim foreign priority benefits under Title 35, USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

0228611.0	United Kingdom	7 December 2002	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	Filing Date	Priority Claimed
		Day/Month/Year	

I hereby claim the benefit under Title 35, USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, USC 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, CFR 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Paik Saber, Reg. No. 37,494; Randall J. Bluestone, Reg. No. 40,518; Ron Feree, Reg. No. 46,327; William D. Gill, Reg. No. 44,124; Esther E. Klein, Reg. No. 33,409; Robert B. Martin, Reg. No. 26,945; Douglas R. Millett, Reg. No. 31,784; Lewis L. Nunnelley, Reg. No. 42,942; Abdy Raissinia, Reg. No. 38,686; Christopher A. Hughes, Reg. No. 26,914; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Stanley B. Green, Reg. No. 24,351.

Send all correspondence to:

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FULL NAME OF SOLE OR FIRST INVENTOR: James Stephen Mason

INVENTOR'S SIGNATURE: J S Mason

DATE: 10 November 2003

RESIDENCE: 1 Royston Avenue, Eastleigh, Hampshire SO50 4NH,
United Kingdom.

CITIZENSHIP: British

POST OFFICE ADDRESS: Same as residence

ASSIGNMENT

Whereas, I,

**James Stephen Mason
County of Hampshire**

of City of **Eastleigh**
and State of **United Kingdom**

have invented certain improvements in

SEMICONDUCTOR TYPE TWO PHASE LOCKED LOOP FILTER

and executed, a United States patent application therefor on 10 November 2003.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

J S Mason

James Stephen Mason

Signed at Winchester on 10 November 2003
(Town where signed) (Date)